

KEY TRTANSFORM	•	(,	•	ι		ſ		(,	,	
FUNCTION fki	_	2	ຠ	4	ဂ	٥	<u> </u>	∞	ກ	0	_	12	<u> </u>	14	15	91
VALUE OF CONSTANT	(-	((,	L	(ı	ļ	(,		,	,	,	
REGISTER	0	-	2	ν,	7	ດີ	٥	`	_	٥	က	4	33	2	_)

FIG. 4A

KEY TR	KEY TRTANSFORM	,	·	•	,	L	•		(Ţ.		;				,	
FUNCTION fki	ON fki	_	2	3	4	ဂ	9	_	∞	တ	0	=	12	33	4	15	91
VALUE OF E	VALUE OF ENCRYPTION	0	-	2	3	4	5	9	7	8	თ	10	=	12	13	14	15
REGISTER	REGISTER DECRYPTION	15	14	13	12	11	10	6	8	7	9	5	4	3	2	-	0

FIG. 4B

15,	118,	233,	194,	171,	26,	143,	102,	88	252,	16,	180,	37,	223,	146,	47,
14,	30,	87,	62,	129,	94,	128,	40,	213,	255,	တ်	20,	212,	219,	238,	198,
221,	. 99	103,	79,	240,	156,	86	31,	29,	157,	196,	69	205,	99,	46,	218,
12,	101,	34,	199,	217,	92,	85,	125,	19	114,	117,	100,	139,	67,	136,	76,
Ξ	176,	202,	42,	116,	155,	73,	70,	56,	183,	208,	50,	142,	23,	162,	35,
86,	225,	141,	52,	186,	241,	106,	235,	138,	123,	10,	188,	43,	45,	96	224,
52,	81,	174,	172,	115,	245,	25,	122,	236,	153,	ó	203,	112,	120,	228,	113,
107,	124,	222,	181,	231,	159,	170,	38,	184,	78,	192,	150,	200,	က်	36,	248,
				232,											
130,	7,	249,	91,	165,	93,	131,	254,	63,	189,	166,	24,	149,	244,	121,	95,
ນ້	164,	161,	- -	158,	58,	28,	179,	111,	137,	97,	83	247,	80,	253,	234,
															90
182,	140,	211,	51,	133,	173,	230,	61,	53	127,	163,	104,	ထ	154,	32,	2,
216,	41,	44,	187,	89	204,	109,	160,	207.	243,	147,	177,	168.	210,	191,	152,
54,	4	242,	49,	72,	169.	82,	108,	119.	145,	်ပ	206,	193.	226,	220,	178,
48,	59	126,	71,	64,	74.	132,	237,	246.	144,	33,	27,	134.	09	250,	110,

F16.5

NUMBER OF ROUNDS	-	2	3	4	5	9	2	80	6	10	11	12	13	14	15	16
ENCRYPTION (LEFT ROTATION)	6		9 11	1 11	1 13	3 13	3 13	3 10	0 13	3 13		13	=	=	တ	တ
DECRYPTION (RIGHT ROTATION)	6		9 11	1 -	13	3 13	3 13	3 10	0 13	3 13	1	13	=	=	6	6
KEY TRANSFORM FUNCTION fki			2	3 4	1 5		9	7 8		9	10 1	11 12		13	14	15

F1G.6

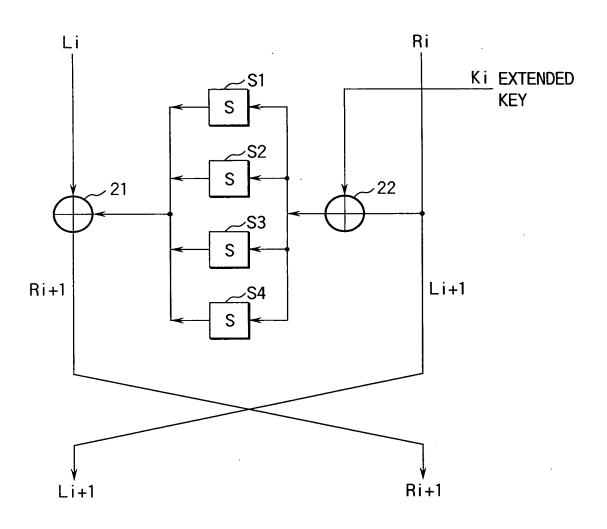


FIG.7

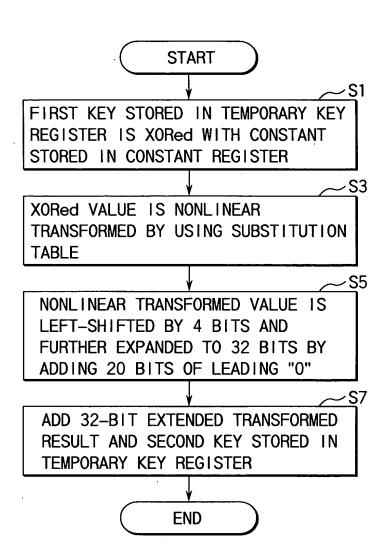
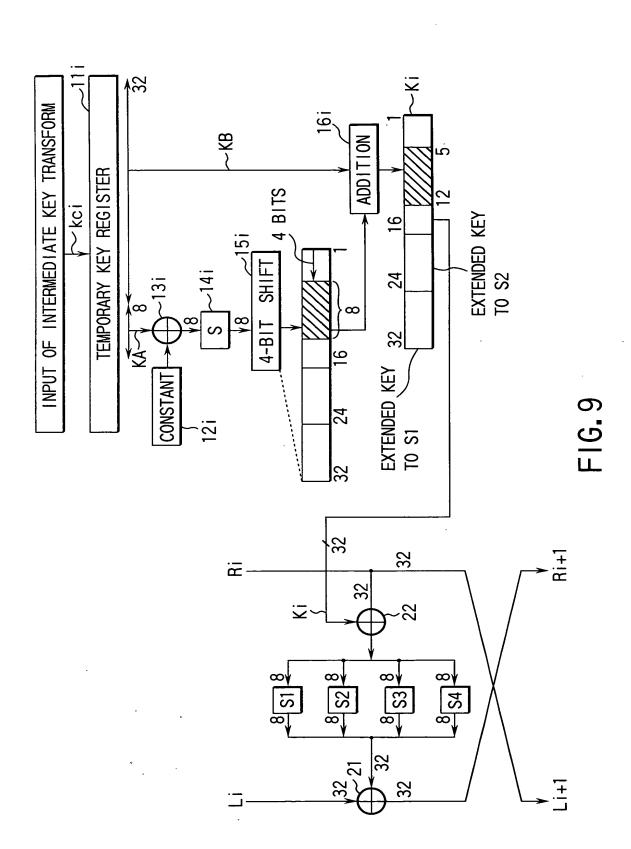


FIG.8



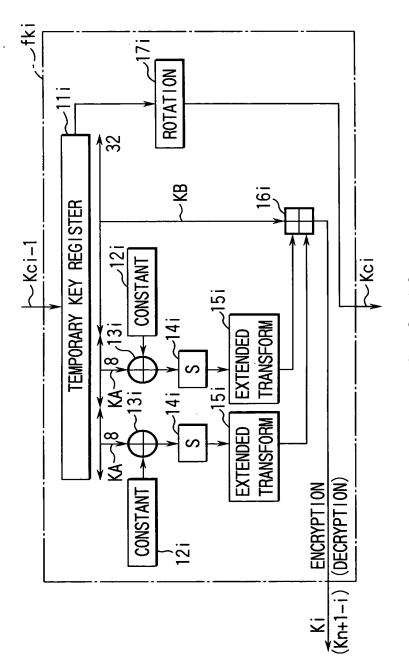


FIG. 10

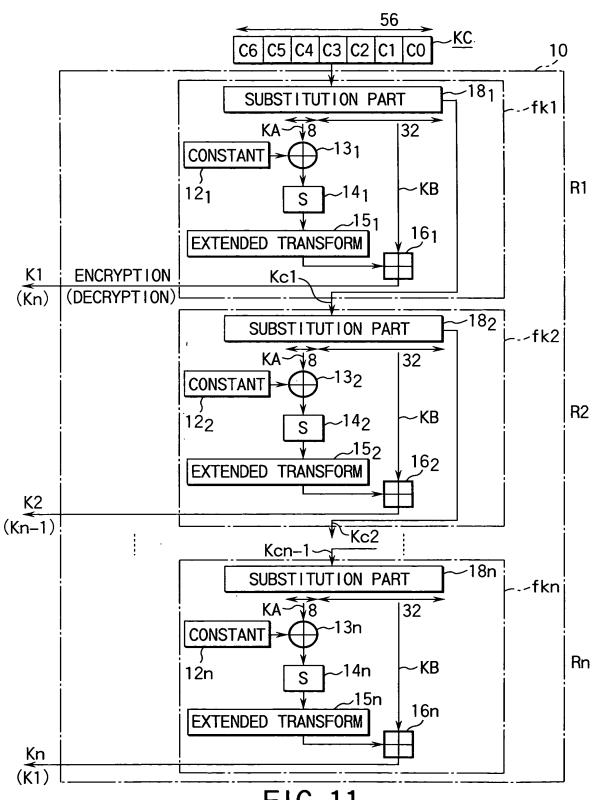


FIG. 11

NUMBER OF ROUNDS	= ROUNDS	-	2	3	4	5	9	7	æ	6	10	11	12	13	14	15	16
MUTATION	PERMUTATION ENCRYPTION P1	П	P2	P3	P4	P5	P6	Р7	88	P3	P10	P9 P10 P11 P12 P13 P14 P15	P12	P13	P14	P15	P16
PROCESS	DECRYPTION P16-1 P1	P16 ⁻¹	P15 ⁻¹	P14 ⁻¹	P13 ⁻¹	P12 ⁻¹	P11 ⁻¹	5-1 P14-1 P13-1 P12-1 P11-1 P10-1 P9-1 P8-1 P7-1 P6-1 P5-1 P4-1	P9 ⁻¹	P8 ⁻¹	P7 ⁻¹	P6 ⁻¹	P5 ⁻¹	P4 ⁻¹	P3 ⁻¹	P2 ⁻¹	P1 ⁻¹

F16.12

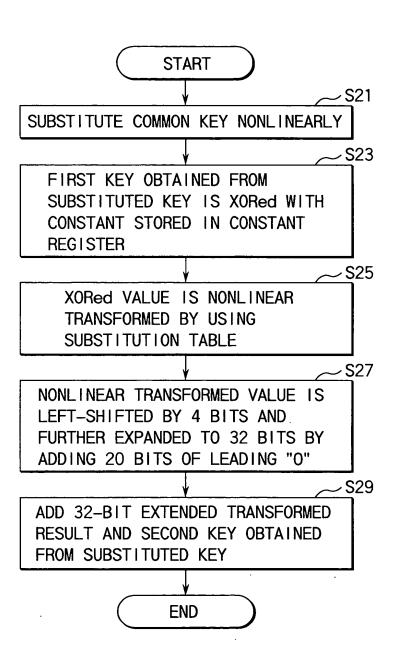


FIG. 13

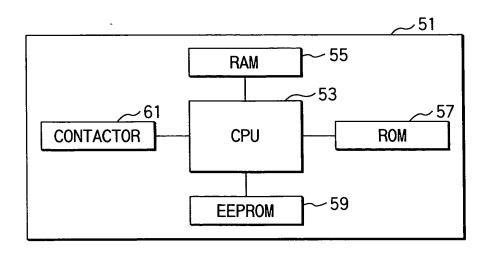


FIG. 14

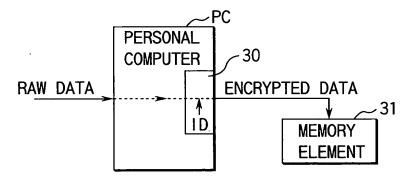


FIG. 15

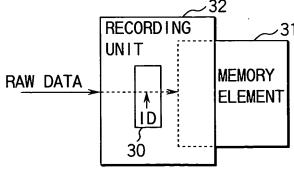


FIG. 16

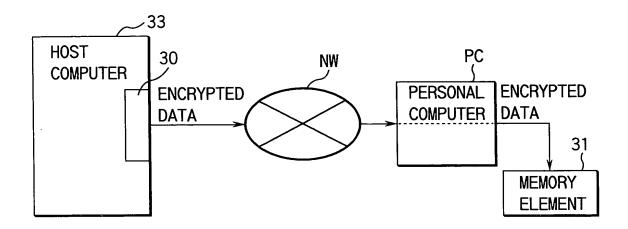


FIG. 17

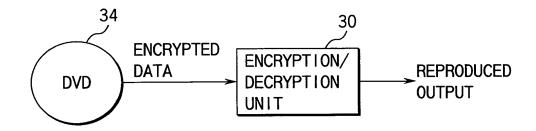


FIG. 18A

